

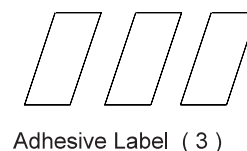
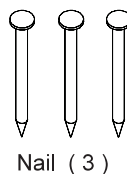
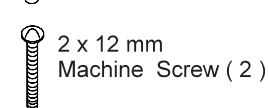
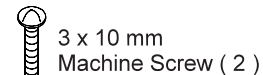
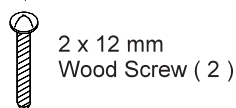
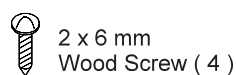
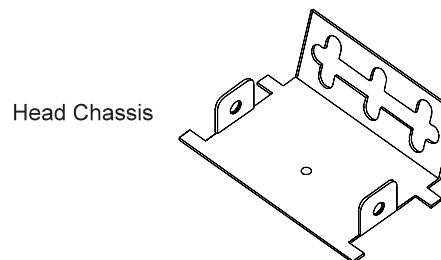
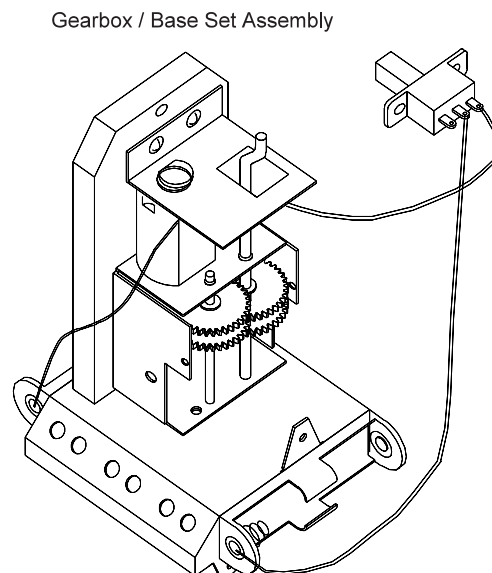
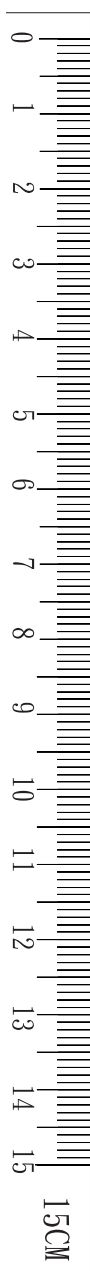
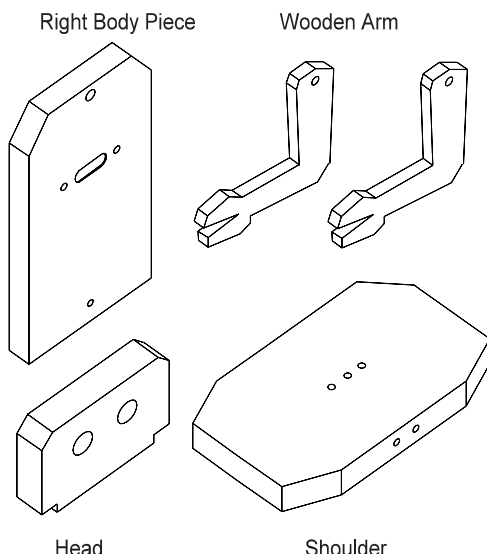
Electromechanical Robot Kit

Your RadioShack Electromechanical Robot Kit lets you build a moving robot by yourself. The motor and gear assemblies inside the robot's body let you see how the motor rotates to drive the gears and move the robot. Assembly is easy with these step-by-step instructions.

You need a Phillips screwdriver and a hammer to build your robot, and two AA batteries for power.

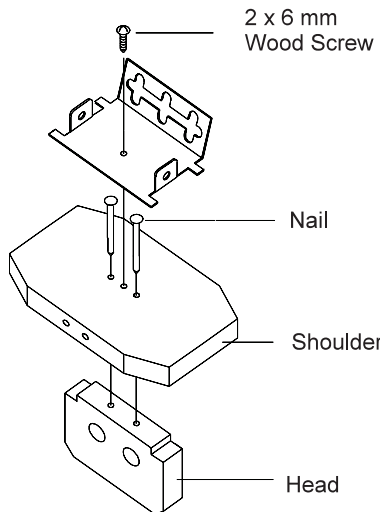
Note: If you want to paint the robot, we suggest you do so before you begin assembly.

PARTS



Note: If you do not know the exact size of the screws, you can use the centimeter scale provided to measure them.

HEAD/SHOULDER ASSEMBLY



1. Place the wooden head upside-down, then place the shoulder on the head. Align the two matching nail holes on both pieces.

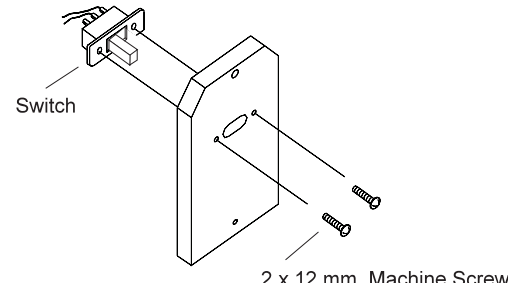
Note: There are three mounting holes on the shoulder. The two outside holes are the nail holes.

2. With the head resting on a solid surface, place a nail in each nail hole and hammer it completely in.
3. Place the metal head chassis on the shoulder, aligning the matching screw holes on both pieces. Place a 2 x 6 mm wood screw in the holes and use a Phillips screwdriver to screw it in, then loosen it slightly.

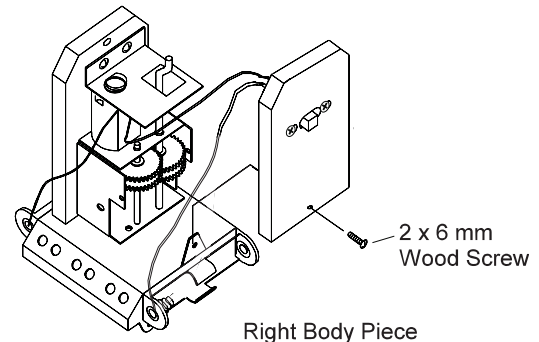
Note: Do not overtighten the screw. The head and shoulders should move freely.

BODY ASSEMBLY

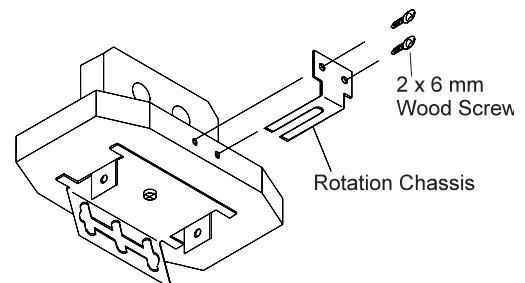
1. Insert the switch's handle into its hole on the right body piece. Align the two matching screw holes on the switch and the right body piece. Insert a 2 x 12 mm machine screw into each screw hole and tighten each screw securely.



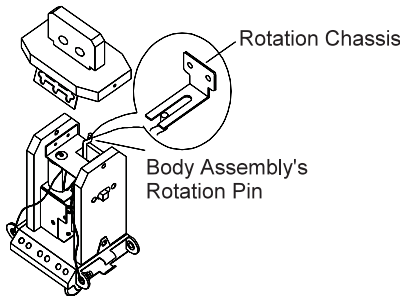
2. Place the right body piece on the metal chassis of the body assembly. Align the screw holes on both pieces. Insert a 2x6 mm wood screw into the screw hole and tighten it securely.



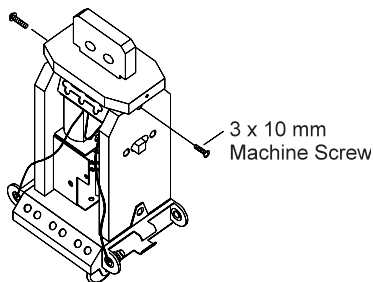
3. Align the two matching screw holes on the metal rotation chassis and the shoulder. Insert a 2 x 6 mm wood screw into each screw hole and tighten each screw securely.



- Place the head/shoulder assembly on the body assembly, with the body assembly's rotation pin inside the rotation chassis' recess channel.

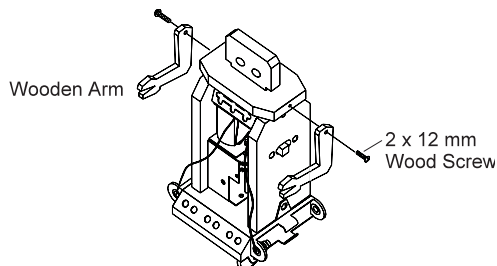


- Align the two matching screw holes on each side of the upper body and the metal head chassis. Insert a 3 x 10 mm machine screw into each screw hole and tighten each screw securely.

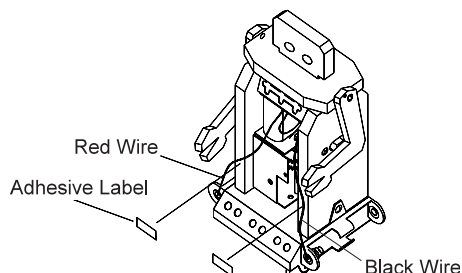


- Mount the two wooden arms on each side of the shoulder, using the two 2 x 12 mm wood screws.

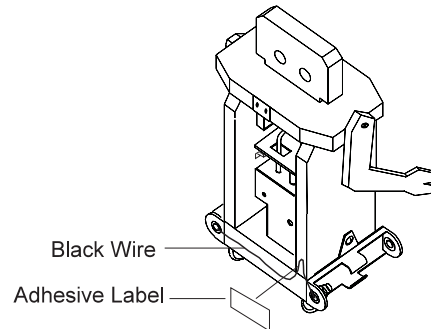
Note: Do not overtighten the screws. The arms should move freely.



- Peel off the adhesive label's backing paper. Place the red wire on the front of the left wooden body piece, then paste the adhesive label on the wire to fix it in place.

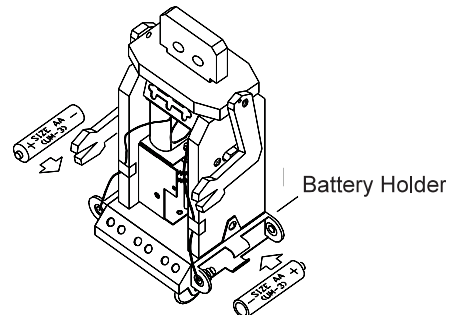


Do the same to fix the black wires on the front and back of the robot's body.



BATTERY INSTALLATION

The Robot requires two AA batteries (not supplied) for power. For the longest battery life, we recommend alkaline batteries, such as RadioShack Cat. No. 23-557. Install the batteries according to the polarity symbols (+ and -) marked inside the battery holders.

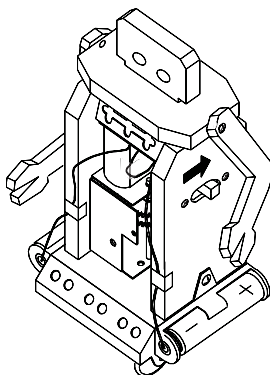


When the Robot moves slowly or not at all, replace the batteries.

Cautions:

- Use only fresh batteries of the required size and type.
- Whenever you're not using your robot, remove the batteries. Never leave dead or weak batteries in your robot. Batteries can leak damaging chemicals (even if they are "leakproof" types).

OPERATION



Warning: Do not place fingers or other objects inside the robot's body.

1. Place the Robot on a wide, flat surface.
2. Slide the switch in the direction of the arrow to turn on the power. The Robot's motor rotates the gears. The Robot moves, with its arms swinging gently.
3. To stop the Robot, slide the switch back to turn off power.

CARE AND MAINTENANCE

Your RadioShack Electromechanical Robot Kit is an example of superior design and craftsmanship. The following suggestions will help you care for your Robot so you can enjoy it for years.

- Keep the Robot dry. If it gets wet, wipe it dry immediately.
- Handle the Robot gently and carefully. Don't drop it.
- Keep the Robot away from dust and dirt.
- Wipe the Robot with a dry cloth occasionally to keep it looking new.
- Use only fresh batteries of the required size and type. Always remove old or weak batteries.

Modifying or tampering with the Robot's internal components can cause a malfunction and might invalidate its warranty. If your Robot is not performing as it should, take it to your local RadioShack store for assistance.

RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

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